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**APPLICATION-INDEPENDENT SYSTEM AND PROCESS FOR  
DYNAMICALLY GENERATING LOW-COMPLEXITY GRAPHICS  
EMBEDDED AS WEB CONTENT USING A TAG-DELIMITED SCRIPT**

**Abstract**

5 An application-independent system and process for dynamically  
generating low-complexity graphics embedded as Web content using a tag-  
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A7 ( delimited script is disclosed. A graphics object class defining a logical canvas  
and including a vector of row objects is specified. Each graphics object class  
contains a set of cell objects defining display attributes for a uniform rectangular  
10 region. A shape is drawn onto the logical canvas by sequentially parsing through  
each row object in the vector and through each cell object contained therein to  
consistently structure the logical canvas. The logical canvas is converted into a  
table encoded in a tag-delimited script by converting in order each row object into  
a row within the table, and each cell object into a cell within each row.

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